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7590 09/20/2004

Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, NY 11560

12/13/2004 HVDONG2 00000084 500762 09766735

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**Vita Bencivenni**

(Depositor's name)

*Vita Bencivenni*

(Signature)

December 7, 2004

(D)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/766,735	01/22/2001	Junchen Du	1	1300

TITLE OF INVENTION: CASCADED BIQUAD INFINITE IMPULSE RESPONSE FILTER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330 1370	\$300	\$1630 1670	12/20/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
PHU, PHUONG M	2631	375-350000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 \_\_\_\_\_  
2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed in accordance as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Agere Systems Inc.

Allentown, PA 18109

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

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Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 1

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

*William E. Lewis*

Date December 7, 2004

Typed or printed name William E. Lewis

Registration No. 39,274

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